

Figure 1

ATGACCTCACTGCCCCCTGGAACCACTGGGGACCCCGATTTGTTTTCTGGGC
CGTCGCCAGCCGGCTCCACTCCAGCCAACCAGAGTGCAGAGGCTTCAGAGAG
CAATGTGTCTGCGACGGTTCCCAGAGCTGCAGCAGTCACGCCGTTCCAGAGC
CTGCAACTAGTGCACCAGCTGAAGGGACTGATCGTGATGCTGTACAGCATCG
TGGTGGTCTGTTGGTCTGGTGGGCAACTGCCTTCTTGCTGGTGGTGGTGGT
CGTGCGCCGGCTGCACAACGTGACCAACTTCCTCATCGGCAACCTGGCCTTG
TCCGATGTGCTCATGTGTGCCGCTGTGTGCCTCTCACGCTGGCCTACGCCT
TTGAACCTCGTGGCTGGGTGTTCCGGTGGAGGCCTGTGCCACCTTGTTTTCTT
CCTGCAGCCGGTCACCGTCTACGTATCGGTGTTTCACTCACCACAATCGCT
GTGGACCGCTATGTGGTTCTGGTGCACCCGCTACGTCCGGCGCATTTCACTGA
AGCTCAGCGCCTACGCTGTGCTGGGCATCTGGGCTCTATCTGCAGTGCTGGC
GCTGCCCGCCGCGGTGCACACCTACCATGTAGAGCTCAAGCCCCACGACGTG
CGCCTCTGCGAGGAGTTCTGGGGTTCGCAGGAGCGCCAGCGACAGATCTATG
CCTGGGGGCTGCTGCTGGGCACCTATTTGCTCCCCCTGCTGGCCATTCTCCT
GTCTTACGTCCGGGTGTCGGTGAAGTTGCGGAACCGCGTGGTGCCTGGCAGC
GTGACCCAGAGCCAGGCTGACTGGGACCGAGCGCGTCCGCGTCCGACTTTCT
GCCTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
CATTTTCAACCTGCTGCGGGACCTGGACCCGCGTGCCATCGACCCCTACGCC
TTCGGGCTGGTGCAGCTCCTCTGCCACTGGCTTGCCATGAGCTCCGCCTGCT
ACAACCCCTTCATCTATGCGTGGCTGCACGACAGCTTCCGAGAGGAGCTACG
CAAGATGCTTCTGTCTTGGCCCCGCAAGATCGTGCCTCATGGCCAGAATATG
ACCGTCAGTGTGGTCATCTGA (SEQ ID NO:1)

Figure 2

ATAACCTCACTGCCCCCTGGAACCACTGGGGACCCCGATTTGTTTTCTGGGC
CGTCGCCAGCCGGCTCCACTCCAGCCAACCAGAGTGCAGAGGCTTCAGAGAG
CAATGTGTCTGCGACGGTTCCCAGAGCTGCAGCAGTCACGCCGTTCCAGAGC
CTGCAACTAGTGCACCAGCTGAAGGGACTGATCGTGATGCTGTACAGCATCG
TGGTGGTTCGTGGGTCTGGTGGGCAACTGCCTTCTTGTGCTGGTGATCGCGCG
CGTGCGCCGGCTGCACAACGTGACCAACTTCCTCATCGGCAACCTGGCCTTG
TCCGATGTGCTCATGTGTGCCGCCTGTGTGCCCTCTCACGCTGGCCTACGCCT
TTGAACCTCGTGGCTGGGTGTTTCGGTGGAGGCCTGTGCCACCTTGTTTTCTT
CCTGCAGCCGGTCACCGTCTACGTATCGGTGTTTCACTCACCACAATCGCT
GTGGACCGCTATGTGGTTCTGGTGCACCCGCTACGTCGGCGCATTTCACTGA
AGCTCAGCGCCTACGCTGTGCTGGGCATCTGGGCTCTATCTGCAGTGCTGGC
GCTGCCGGCCGCGGTGCACACCTACCATGTAGAGCTCAAGCCCCACGACGTG
CGCCTCTGCGAGGAGTTCTGGGGTTCGCGAGGAGCGCCAGCGACAGATCTATG
CCTGGGGGCTGCTGCTGGGCACCTATTTGCTCCCCCTGCTGGCCATTCTCCT
GTCTTACGTCCGGGTGTCGGTGAAGTTGCGGAACCGCGTGGTGCCCTGGCAGC
GTGACCCAGAGCCAGGCTGACTGGGACCGAGCGCGTCGCCGTGCGCACTTTCT
GCCTGCTGGTGGTGGTGGTGGTTCGCGGTCTGCTGGCTGCCTCTGCA
CATTTTCAACCTGCTGCGGGACCTGGACCCGCGTGCCATCGACCCCTACGCC
TTCGGGCTGGTGCAGCTCCTCTGCCACTGGCTTGCCATGAGCTCCGCCTGCT
ACAACCCCTTCATCTATGCGTGGCTGCACGACAGCTTCCGAGAGGAGCTACG
CAAGATGCTTCTGTCTTGGCCCCGCAAGATCGTGCCCTCATGGCCAGAATATG
ACCGTCAGTGTGGTCATCTGA (SEQ ID NO:2)

Figure 3

ATGGCCTCATCGACCACTCGGGGCCCCAGGGTTTCTGACTTATTTTCTGGGC
TGCCGCCGGCGGTACAACTCCCGCCAACCAGAGCGCAGAGGCCTCGGCGGG
CAACGGGTCTGGTGGCTGGCGCGGACGCTCCAGCCGTCACGCCCTTCCAGAGC
CTGCAGCTGGTGCATCAGCTGAAGGGGCTGATCGTG (SEQ ID NO:3)

Figure 4

ATGGCCTCATCGACCACTCGGGGCCCCAGGGTTTCTGACTTATTTTCTGGGC
TGCCGCCGGCGGTACAACTCCCGCCAACCAGAGCGCAGAGGCCTCGGCGGG
CAACGGGTCTGGTGGCTGGCGCGGACGCTCCAGCCGTCACGCCCTTCCAGAGC
CTGCAGCTGGTGCATCAGCTGAAGGGGCTGATCGTGCTGCTCTACAGCGTCG
TGGTGGTCTGTGGGGCTGGTGGGCAACTGCCTGCTGGTGGTGGTGGTGGTGGT
GGTGGCGCCGGCTGCACAACGTGACGAACTTCCTCATCGGCAACCTGGCCTTG
TCCGACGTGCTCATGTGCACCGCCTGCGTGCCGCTCACGCTGGCCTATGCCT
TCGAGCCACGCGGCTGGGTGTTGCGCGGCGGCCTGTGCCACCTGGTCTTCTT
CCTGCAGCCGGTCACCGTCTATGTGTCTGGTGTTCACGCTCACCACCATCGCA
GTGGACCGCTACGTCTGTGCTGGTGCACCCGCTGAGGCGGCGCATCTCGCTGC
GCCTCAGCGCCTACGCTGTGCTGGCCATCTGGGCGCTGTCCGCGGTGCTGGC
GCTGCCCCGCCCGCTGCACACCTATCACGTGGAGCTCAAGCCGCACGACGTG
CGCCTCTGCGAGGAGTTCTGGGGCTCCCAGGAGCGCCAGCGCCAGCTCTACG
CCTGGGGGCTGCTGCTGGTACCTACCTGCTCCCTCTGCTGGTGCATCCTCCT
GTCTTACGTCCGGGTGTCTAGTGAAGCTCCGCAACCGCGTGGTGCCGGGCTGC
GTGACCCAGAGCCAGGCCGACTGGGACCGCGCTCGGCGCCGGCGCACCTTCT
GCTTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
CGTCTTCAACCTGCTGCGGGACCTCGACCCCCACGCCATCGACCCTTACGCC
TTTGGGCTGGTGCAGCTGCTCTGCCACTGGCTCGCCATGAGTTCGGCCTGCT
ACAACCCCTTCATCTACGCCTGGCTGCACGACAGCTTCCGCGAGGAGCTGCG
CAAACCTGTTGGTCTGCTTGGCCCCGCAAGATAGCCCCCATGGCCAGAATATG
ACCGTCAGCGTGGTCATC (SEQ ID NO:4)

Figure 5

ATGCTCTACAGCGTCGTGGTGGTTCGTGGGGCTGGTGGGCAACTGCCTGCTGG
TGCTGGTGATCGCGCGGGTGCGCCGGCTGCACAACGTGACGAACTTCCTCAT
CGGCAACCTGGCCTTGTCCGACGTGCTCATGTGCACCGCCTGCGTGCCGCTC
ACGCTGGCCTATGCCTTCGAGCCACGCGGCTGGGTGTTGGCGGGCGGCCTGT
GCCACCTGGTCTTCTTCCTGCAGCCGGTCACCGTCTATGTGTCGGTGTTCAC
GCTCACCACCATCGCAGTGGACCGCTACGTTCGTGCTGGTGCACCCGCTGAGG
CGGCGCATCTCGCTGCGCCTCAGCGCCTACGCTGTGCTGGCCATCTGGGCGC
TGTCGCGGGTGTGGCGCTGCCCCGCCGCGTGCACACCTATCACGTGGAGCT
CAAGCCGCACGACGTGCGCCTCTGCGAGGAGTTCTGGGGCTCCCAGGAGCGC
CAGCGCCAGCTCTACGCCTGGGGGCTGCTGCTGGTACCTACCTGCTCCCTC
TGCTGGTCATCCTCCTGTCTTACGTCCGGGTGTCAGTGAAGCTCCGCAACCG
CGTGGTGCCGGGCTGCGTGACCCAGAGCCAGGCCGACTGGGACCGCGCTCGG
CGCCGGCGCACCTTCTGCTTGCTGGTGGTGGTTCGTGGTGGTGTTCGCCGTCT
GCTGGCTGCCGCTGCACGTCTTCAACCTGCTGCGGGACCTCGACCCCCACGC
CATCGACCCTTACGCCTTTGGGCTGGTGCAGCTGCTCTGCCACTGGCTCGCC
ATGAGTTCGGCCTGCTACAACCCCTTCATCTACGCCTGGCTGCACGACAGCT
TCCGCGAGGAGCTGCGCAAACTGTTGGTTCGCTTGGCCCCGCAAGATAGCCCC
CCATGGCCAGAATATGACCGTCAGCGTGGTCATCTGA (SEQ ID NO:5)

Figure 6

MTSLPPGTTGDPDLFSGPSPAGSTPANQSAEASESNVSATVPRAAAVTPFQS
LQLVHQLKGLIVMLYSIVVVVGLVGNCLLVLVVIARVRRLHNVNTNFLIGNLAL
SDVLMCAACVPLTLAYAFEPRGWVFGGGLCHLVFFLQPVTVYVSVFTLTITIA
VDRYVVLVHPLRRRISLKL SAYAVLGIWALS AVLAL PAAVHTYHVELKPHDV
RLCEEFWGSQERQRQIYAWGLLLGTYLLPLLAILLSYVRVSVKLRNRVVPGS
VTQSQADWDRARRRRTFCLLVVVVVVFALCWLPLHIFNLLRDLDPRADPYA
FGLVQLLCHWLAMSSACYNPFIYAWLHDSFREELRKMLLSWPRKIVPHGQNM
TVSVVI (SEQ ID NO:6))

Figure 7

MLYSIVVVVGLVGNCLLVLVVIARVRRLHNVNTNFLIGNLALSDVLMCAACVPL
TLAYAFEPRGWVFGGGLCHLVFFLQPVTVYVSVFTLTITIAVDRYVVLVHPLR
RRISLKL SAYAVLGIWALS AVLAL PAAVHTYHVELKPHDVRLCEEFWGSQER
QRQIYAWGLLLGTYLLPLLAILLSYVRVSVKLRNRVVPGSVTQSQADWDRAR
RRRTFCLLVVVVVVFALCWLPLHIFNLLRDLDPRADPYAFGLVQLLCHWLA
MSSACYNPFIYAWLHDSFREELRKMLLSWPRKIVPHGQNM TVSVVI (SEQ
ID NO:7)

Figure 8

MASSTTRGPRVSDLFSGLP PAVTT PANQSAEASAGNGSVAGADAPAVTPFQS
LQLVHQLKGLIVMLYSVVVVVGLVGNCLLVLVVIARVRRLHNVNTNFLIGNLAL
SDVLMCTACVPLTLAYAFEPRGWVFGGGLCHLVFFLQPVTVYVSVFTLTITIA
VDRYVVLVHPLRRRISLRL SAYAVLAIWALS AVLAL PAAVHTYHVELKPHDV
RLCEEFWGSQERQRQLYAWGLLLVTYLLPLL VILLSYVRVSVKLRNRVVPGC
VTQSQADWDRARRRRTFCLLVVVVVVFVAVCWLP LHVFNLLRDLD PHAIDPYA
FGLVQLLCHWLAMSSACYNPFIYAWLHDSFREELRKLLVAWPRKIAPHGQNM
TVSVVI (SEQ ID NO:8)

Figure 9

MLYSVVVVVGLVGNCLLVLVVIARVRRLHNVNTNFLIGNLALSDVLMCTACVPL
TLAYAFEPRGWVFGGGLCHLVFFLQPVTVYVSVFTLTITIAVDRYVVLVHPLR
RRISLRL SAYAVLAIWALS AVLAL PAAVHTYHVELKPHDVRLCEEFWGSQER
QRQLYAWGLLLVTYLLPLL VILLSYVRVSVKLRNRVVPGCVTQSQADWDRAR
RRRTFCLLVVVVVVFVAVCWLP LHVFNLLRDLD PHAIDPYAFGLVQLLCHWLA
MSSACYNPFIYAWLHDSFREELRKLLVAWPRKIAPHGQNM TVSVVI (SEQ
ID NO:9)

Figure 10

MASSTTRGPRVSDLFSGLP PAVTT PANQSAEASAGNGSVAGADAPAVTPFQS
LQLVHQLKGLIV (SEQ ID NO:10)

Figure 11

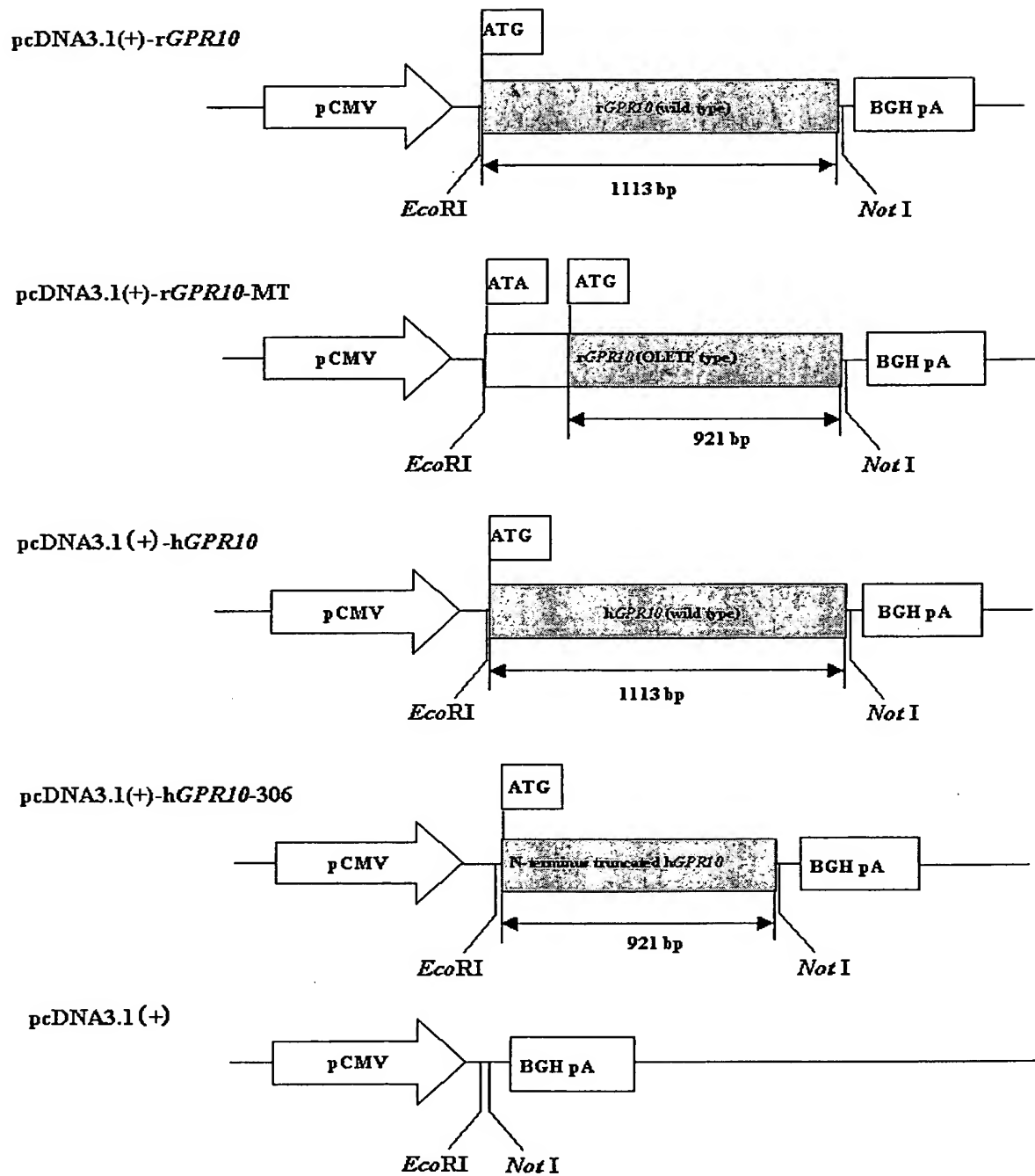


Figure 12

Generation

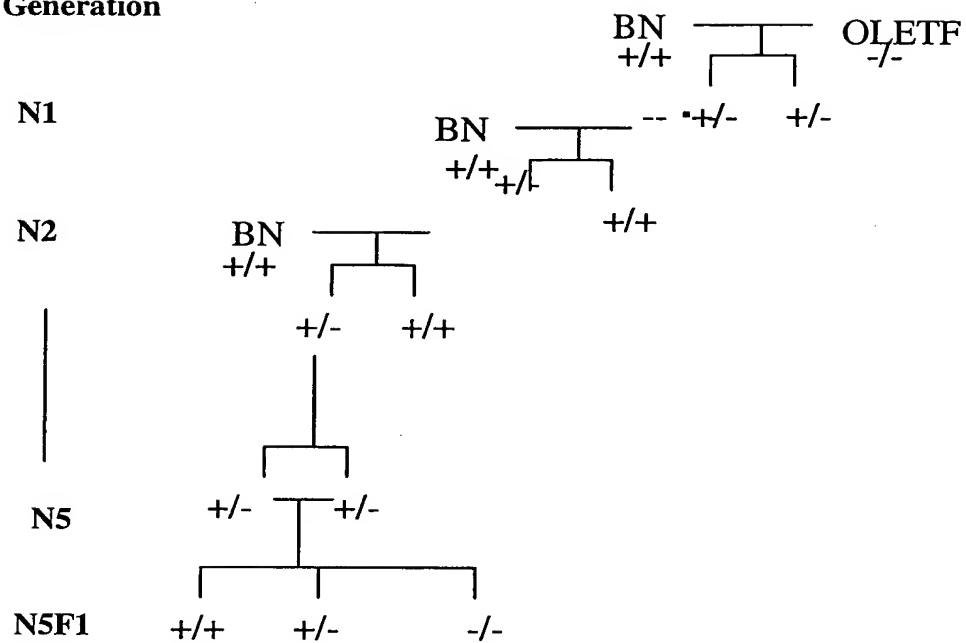


Figure 13

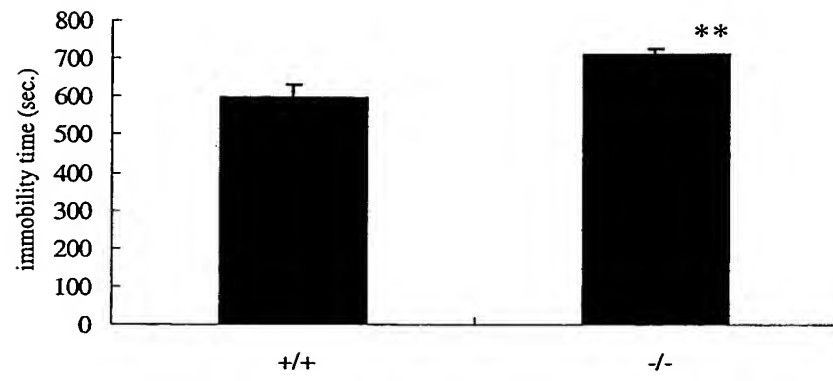


Figure 14

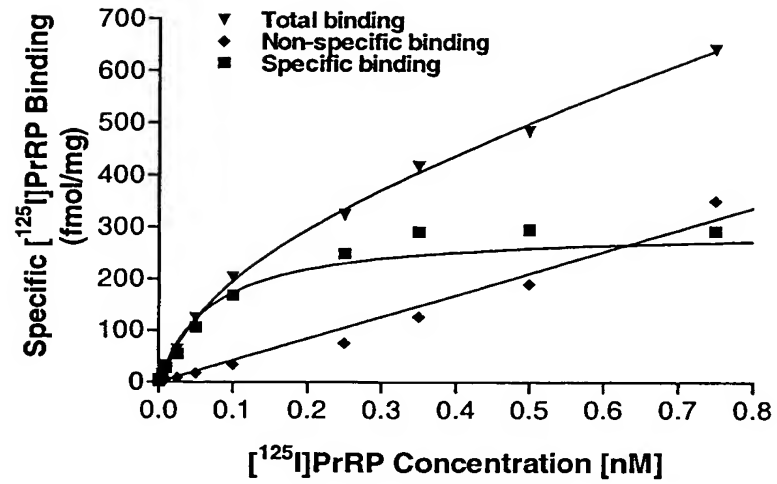


Figure 15

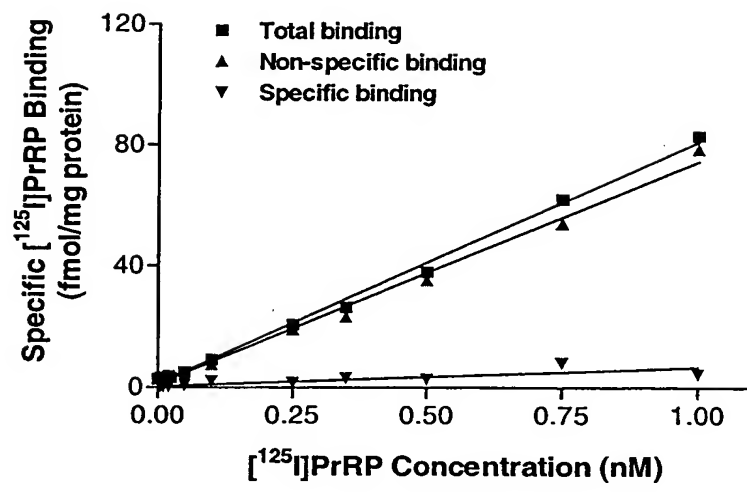


Figure 16

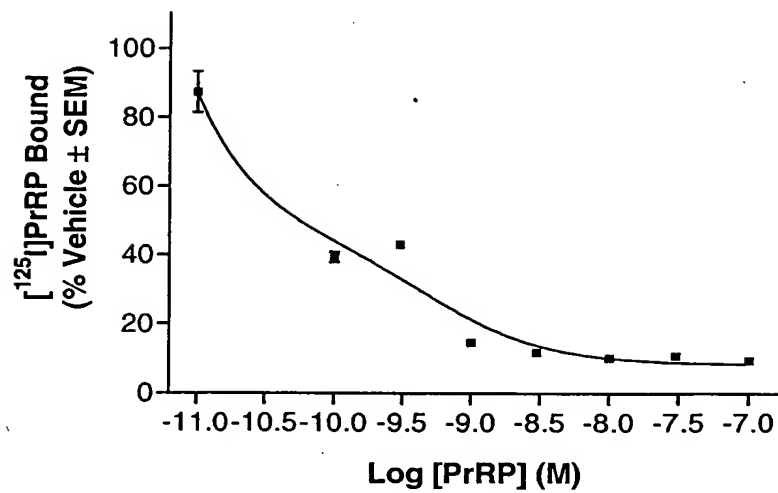


Figure 17

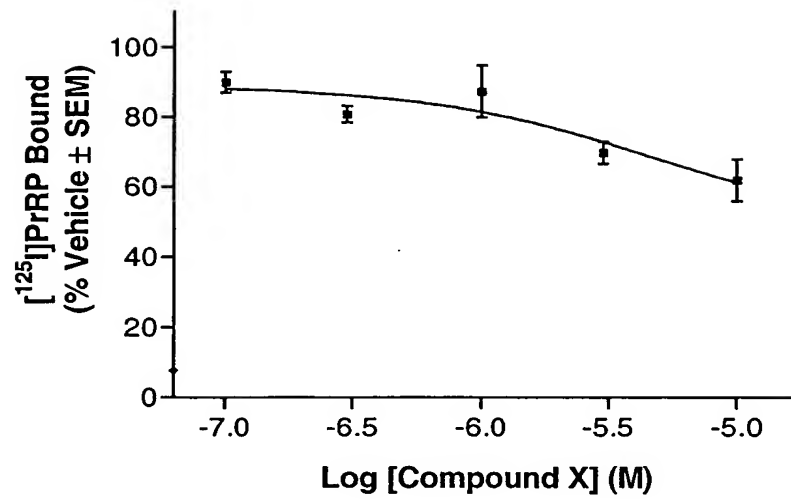


Figure 18

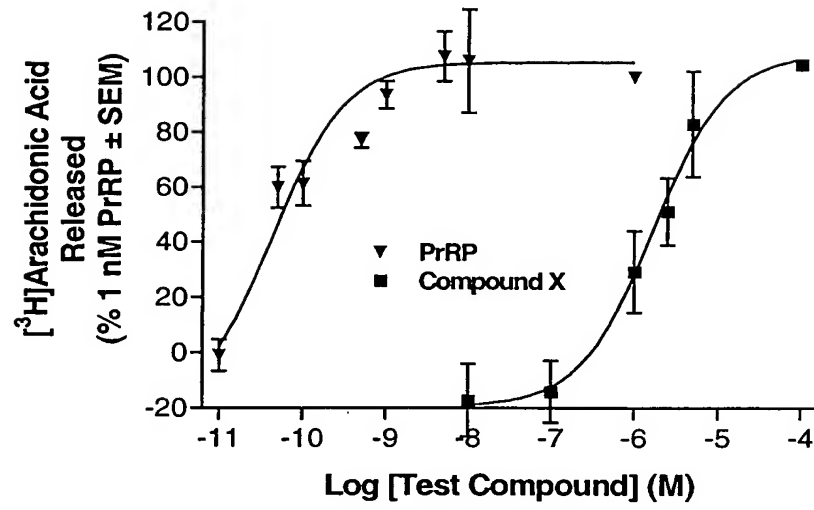


Figure 19

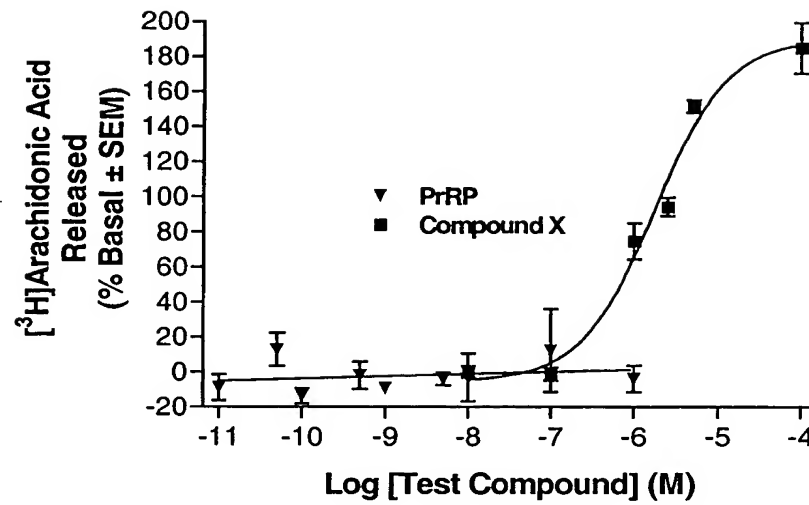


Figure 20

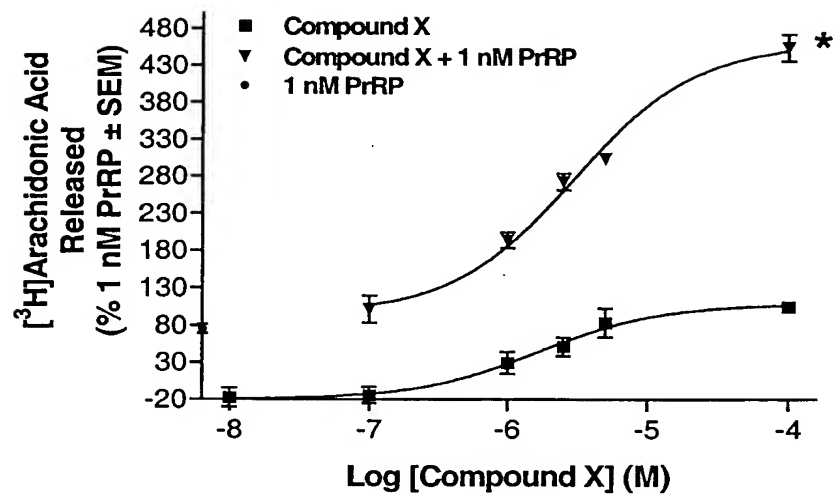


Figure 21

